

# Chandra Pratap Singh

Full-Stack Developer | MERN | Next.js | Node.js

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## PROFESSIONAL SUMMARY

Full-Stack Developer with experience in building scalable web applications using MERN and Next.js, with strong skills in APIs, authentication, and database design.

## TECHNICAL SKILLS

**Frontend:** JavaScript, TypeScript, React, Next.js, TailwindCSS, DaisyUI, shadcn/ui

**Backend:** Node.js, Express.js, REST APIs, JWT Auth, Nodemailer

**Databases:** MongoDB, PostgreSQL, Prisma, Mongoose

**Tools & Concepts:** Git, Cloudinary, Middleware, Authentication & Authorization

**Deployment:** Vercel, Render, Cloudflare, Railway

## SOFTWARE DEVELOPMENT EXPERIENCE

[\[Link\]](#) [\[GitHub\]](#) **AI Powered Code Editor — Full Stack Development** | Next.js, TypeScript, Monaco Editor, WebContainers, Prisma, NextAuth, Groq API

- Built an AI-powered browser-based code editor with real-time code execution using WebContainers.
- Integrated Monaco Editor for multi-file editing with syntax highlighting and IDE-like experience.
- Implemented AI-assisted features like code completion, debugging, and explanations using Groq API.
- Designed dynamic multi-framework template system (React, Next.js, Express, etc.) with runtime loading.
- Developed full-stack application with Next.js, Prisma, and NextAuth, and deployed on Vercel.

[\[Link\]](#) [\[GitHub\]](#) **GigFlow — Full Stack Freelance Marketplace** | MERN Stack (React, Node.js, Express, MongoDB)

- Built a full-stack freelance marketplace enabling users to post gigs, submit bids, and hire freelancers.
- Implemented secure JWT-based authentication with protected routes and role-based access control.
- Designed transaction-safe hiring logic using MongoDB transactions to prevent race conditions.
- Developed scalable REST APIs and deployed with environment-based configuration.

[\[Link\]](#) [\[GitHub\]](#) **Authentication App — Full-Stack Development** | Next.js, TypeScript, MongoDB, JWT, Nodemailer, TailwindCSS

- Developed a secure authentication system with register/login, email verification, and password reset.
- Utilized JWT + bcrypt for encrypted authentication workflows, reducing unauthorized login attempts.
- Integrated Nodemailer for onboarding email verification, improving user onboarding completion by 25%.
- Deployed scalable application on Vercel with environment-based configurations.

[\[Link\]](#) [\[GitHub\]](#) **Cloudinary SaaS App — Video Compression & Management Platform** | Next.js, TypeScript, PostgreSQL, Prisma, Cloudinary, Clerk

- Built a SaaS-style platform supporting video uploads, auto-compression, playback, and file management.
- Reduced video file size by 40% on average using Cloudinary transformation workflows.
- Implemented Clerk auth with protected routes, enabling secure dashboard access for authenticated users.
- Designed and optimized PostgreSQL database schema using Prisma ORM.

## EDUCATION

**Bachelor of Computer Applications (BCA)**

BBD University, Lucknow — July 2023 to June 2026